

## LESSON 5 WORKSHEET SURVIVAL SCIENCE

**ANSWERS:** \_\_\_\_\_  
**INITIALS:** \_\_\_\_\_

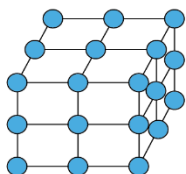
### POWER (Short Answer)

1. What are the 2 variables that represent POWER?  $P = \text{Work/distance or } W/d$
2. Work is also represented by the change in energy?  $\Delta \text{Energy} = \text{Work}$
3. Two common units of power are: WATTS or HORSEPOWER
4. The power unit (J/s) or Joules per second = WATTS (one of the above answers)

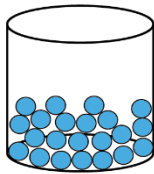
### ENERGY – STATES OF MATTER

#### POTENTIAL OR **KINETIC**

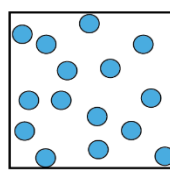
1. Temperature measures the KINETIC (MOVEMENT) energy of molecules.



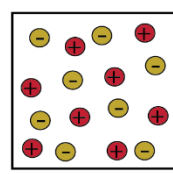
SOLID



LIQUID



GAS



PLASMA

2. Label the states of matter based on the images above.
3. If the above images are all the same element, molecule, or compound, what is/are the primary differences in each state of matter. **HEAT ENERGY, TEMPERATURE, KINETIC MOTION** – all represent the difference/change

### MAP READING – COMPARING JOURNEYS

- a) The place Moses witnessed the burning bush and received the Ten Commandments. **(Circle on the Map)**
- b) Were the Israelites traveling in the Fertile Crescent?  
YES or **NO**
- c) Did Moses ever enter Canaan?  
YES or **NO**
- d) Based on the scale and legend, who traveled further, **Abraham** or Moses?

